

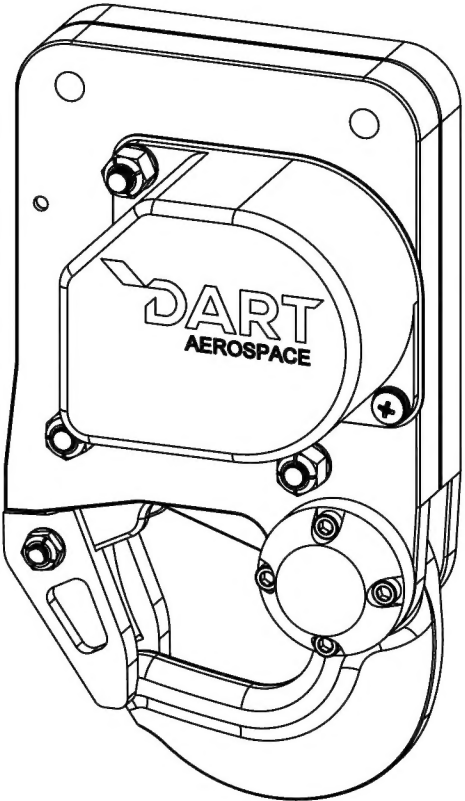
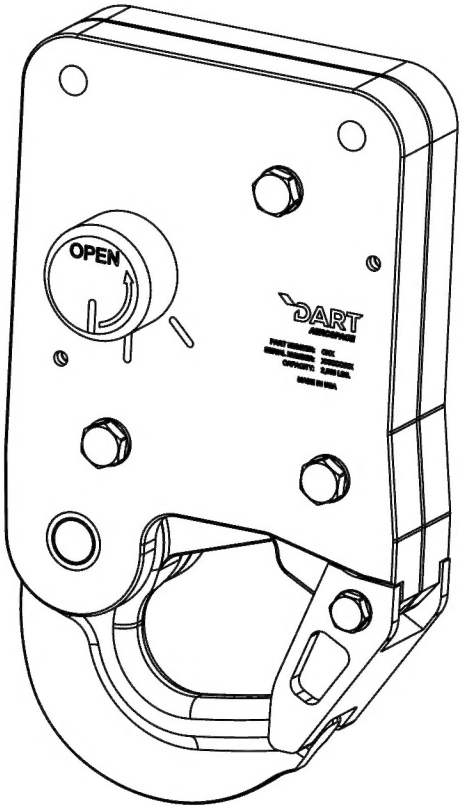






This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C2-1-1	1	MANUAL RELEASE KNOB	6061-T6		2
			C2-2-1	1	SIDE PLATE			2
		B/O	C2-3-1	2	BEARING DU	BRONZE	(KAMAN #06DU04)	3
			C2-3-2	1	LATCH ROLLER PIN	4340		3
		B/O	C2-3-2-1	2	RETAING RING	STEEL	Ø5/16 (KAMAN #1400-0031)	3
			C2-3-3	1	LATCH ROLLER	4140/4142		3
			C2-3-3-1	1	LATCH ROLLER DU BEARING	BRONZE		3
			C3-3-4	2	LINK PIN	DRILL ROD		3
		B/O	C3-3-4-1	4	RETAINING RING	STEEL	Ø1/8 (KAMAN #5100-0012SPP)	3
		B/O	C2-3-5	2	SPACER	NYLON	(MCMaster-CARR #95606A140)	3
			C2-3-6	1	LATCH	SS 17-4PH		3
			C3-3-7	1	LINK	01		3
			C2-3-8	2	ACTUATOR BUSHING	SINTERED BRONZE		3
		B/O	C3-3-9	1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF	3
			C2-3-10	1	LATCH SHAFT	4140/4142		3
			C2-3-11	1	ACTUATOR	SS 17-4PH		3
		B/O	C2-4-1	2	TRUNNION BUSHING	BRONZE	(KAMAN #SF-1620-6)	2
			C2-4-4KA	1	C2 LOAD BEAM ASSY			2
		B/O	C2-5-1	1	ACTUATOR STOP, DOWEL	STEEL	Ø3/16 X 7/8 (MCMaster-CARR #90145A509)	2
			C2-7-1	1	LOAD BEAM BUMPER			2
			C2-7-2	2	LOCK BUMPER			2
			C3-8-2	1	SOLENOID ASSEMBLY			2
			C3-8-4	1	SOLENOID COVER GASKET	GASKET PAPER		2
			C3-8-5	1	SOLENOID COVER			2
			C2-9-1	1	CLOCK SPRING COVER			2
			C2-9-2	1	CLOCK SPRING			2
		B/O	C2-9-3	4	SOCKET HEAD CAP SCREW	S.S.	8-32 X 5/8 (MCMaster-CARR #92185A196)	2
		B/O	C2-10-1	1	SPRING PIN	S.S.	Ø1/8 X 7/8 (MCMaster-CARR #92373A182)	2
			C3-10-2	1	LOCK SPRING	S.S.		3
			C2-11-1	1	SIDE PLATE SOLENOID			2
		B/O	C2-11-2	2	LOCATING PIN	S.S.	Ø3/16 X 1 (MCMaster-CARR #90145A510)	2
		B/O	C2-12-1	2	LOCK BUSHING	SINTERED BRONZE	(KAMAN #SF-812-4)	3
			C2-12-3	1	LOCK			3
		B/O	C2-12-7	2	LOCK SPACER RING			3
			C2-12-8	2	DUST SHIELD			3
			C2-13-6	1	KEEPERLESS ADAPTOR	4140/4142		2
		B/O	188-FPSS-1032-1/4	2	SET SCREW	S.S.	10-32 X 1/4 (MCMaster-CARR #94355A330)	2
		B/O	AN3-14A	1	KEEPER SHAFT BOLT	STEEL	#10-32 x 1-1/2	2
		B/O	AN4-16A	2	SCREW	STEEL	1/4-28 X 1-7/8	2
		B/O	AN4-17A	1	SCREW	STEEL	1/4-28 X 1-29/32	2
		B/O	AN960-10	1	WASHER	WASHER	#10	2
		B/O	AN960-10L	4	WASHER	STEEL	#10	2
		B/O	AN960-416	6	WASHER	STEEL	Ø1/4	2
		B/O	MS21044N4	3	LOCKNUT	STEEL	1/4-28	2
		B/O	MS21083N3	3	SELF-LOCKING NUT	STEEL	#10-32	2
		B/O	MS35266-63	1	SOLENOID COVER SCREW	S.S.	#10-32 X 7/8	2
		B/O	MS35338-137	4	SPRING WASHER	S.S.	#8	2
			600.1310	1	LABEL 	ALUMINUM		N/S
			600.1310-A	1	LABEL 	ALUMINUM		N/S
		B/O	C2-14-2	2	LABEL RIVETS 	18-8 S.S.	NO 4 (MCMaster-CARR #91654A106)	N/S
		B/O	600.1314	1	CAUTION STICKER 	VINYL	(SIGNS NOW)	N/S
		B/O	CORD GRIP	1	CORD GRIP	BRASS	M8-x 1.25 (MCMaster-CARR #8183K6)	2
		B/O	M27500-16TG2T14	1	WIRE	16 GA SHIELDED WIRE	1 FOOT (AIRCRAFT SPRUCE MIL-C-27500 11-14416)	2
		B/O	EL-PLUG-M	1	MALE PLUG	PE High Density	(MCMaster-CARR #7216K5)	2
		B/O	32446	2	22-16 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32446)	2
		B/O		1	HEAT SHRINK TUBE	RUBBER	(MCMaster-CARR #2595K22)	N/S

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0151	CH'D TITLE BLOCK WAS RED BARN IS DART. CH'D P/N'S WAS C2-2-2 IS AN4-16A . WAS C2-2-2-1 IS AN960-416 . WAS C2-2-2-2 IS MS21044N4 . WAS C2-2-2-3 IS AN4-17A . WAS C2-8-1 & C2-13-3-1 IS MS21083N3 . WAS C2-8-1-1 & C2-13-3-2 IS AN960-10L . WAS C2-8-8 IS MS35266-63 . WAS C2-8-9 IS AN960-10 . WAS C2-13-3 IS AN3-14A . MS21083N3 CH'D DESCRIPTION WAS LOCKNUT, SOLENOID IS SELF-LOCKING NUT. ADDED NOTES  &  .	9/15/2014	DPD	RW
2	15-0256	C2-1-2 DELETED; REPLACED W/ 188-FPSS-1032-1/4 . 32446 ADDED TO BOM QTY 2. ADDED ENGRAVING DETAIL & NOTE.	8/26/2015	DPD	JAG

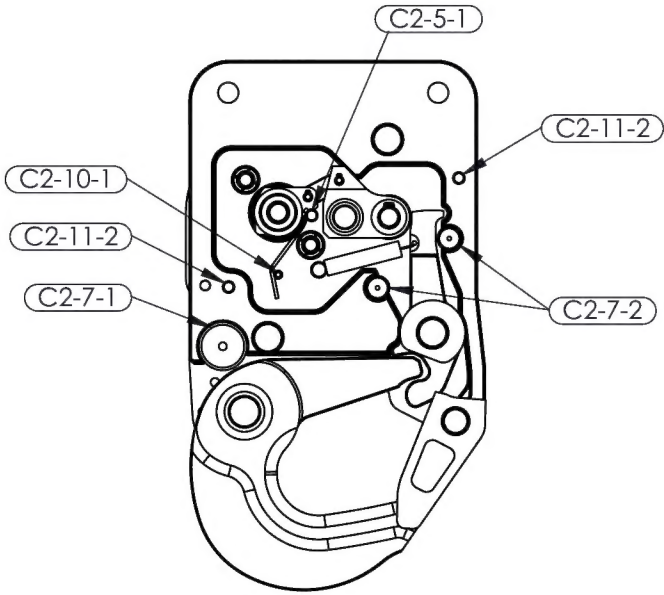


NOTE:
 FOR REBUILD ONLY.
 FOR CUSTOMER REBUILD ONLY.

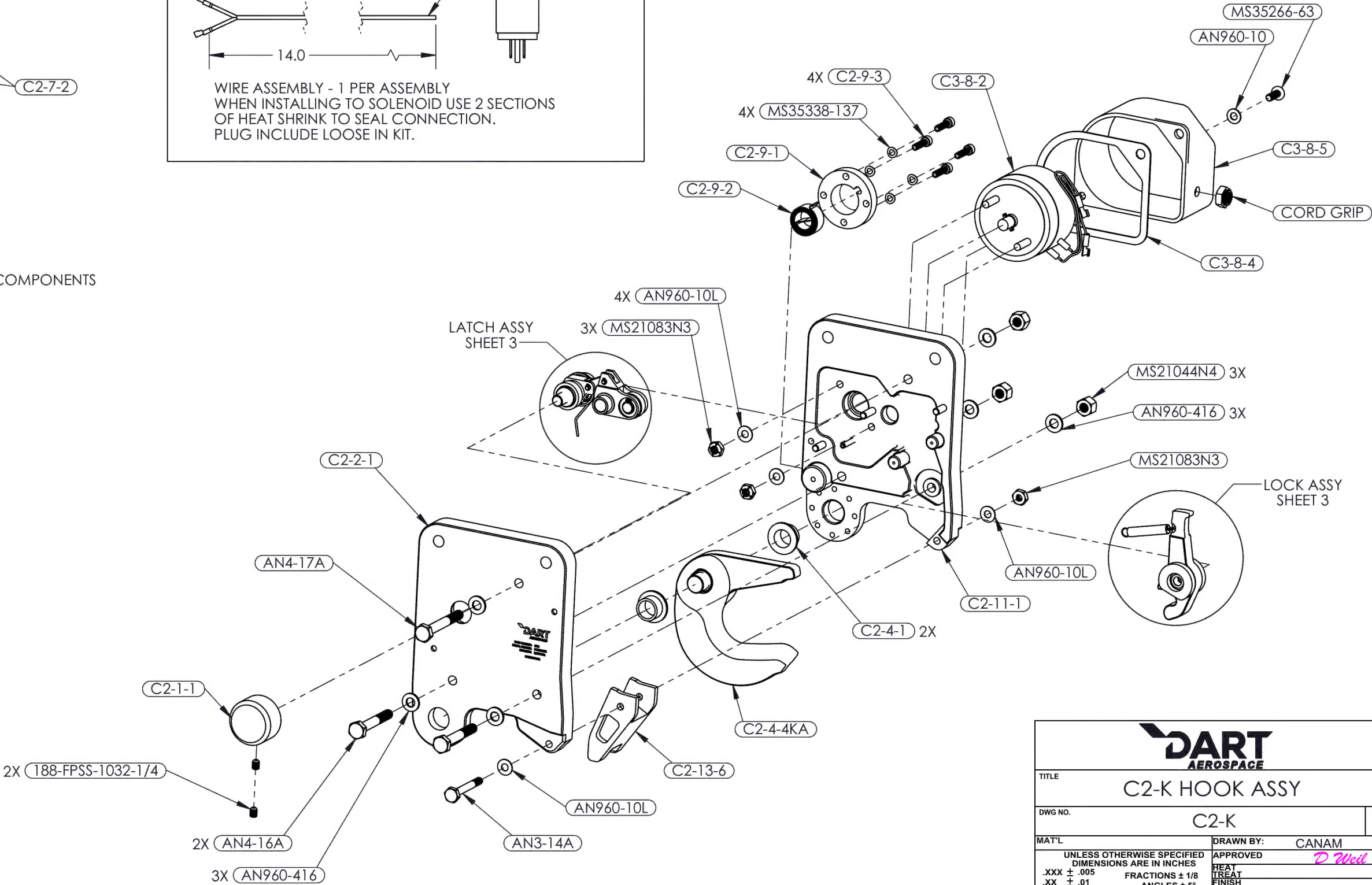
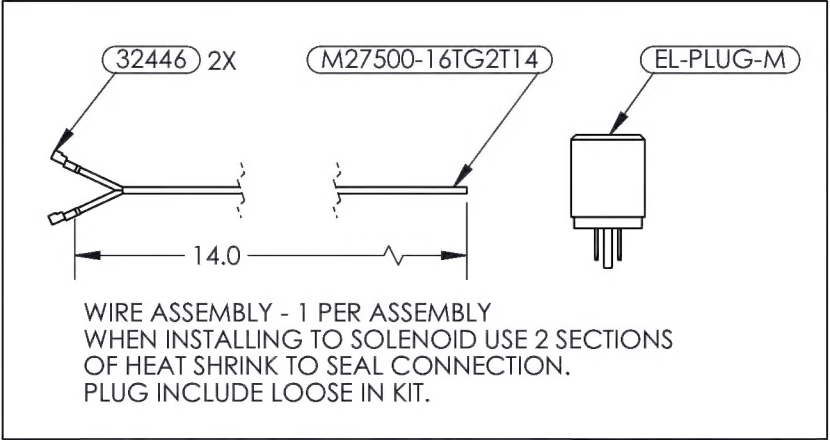
			
TITLE		C2-K HOOK ASSY	
DWG NO.		C2-K	REV 2
MAT'L		DRAWN BY: CANAM	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED 	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:2	DATE	SHEET 1 OF 3

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



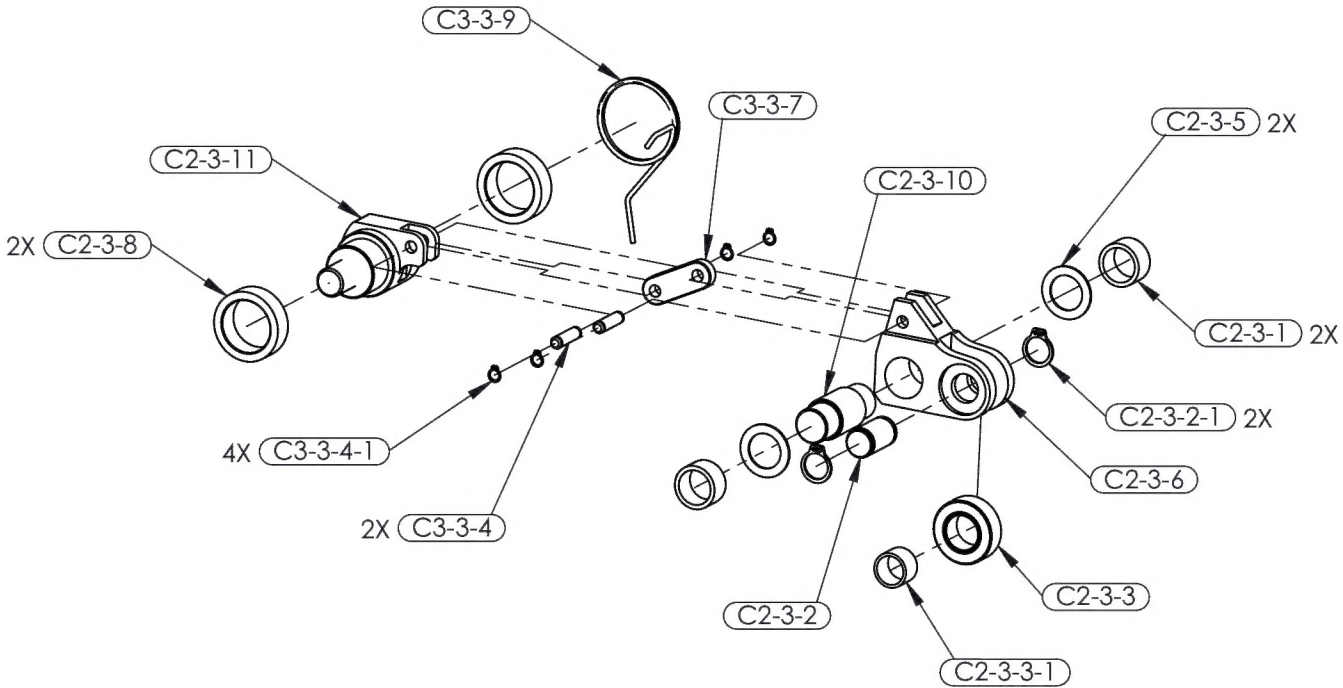
SIDE PLATE REMOVED TO SHOW INTERNAL COMPONENTS



DART AEROSPACE			
TITLE C2-K HOOK ASSY			
DWG NO. C2-K			REV 2
MATERIAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: CANAM APPROVED: <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL	
SCALE 1:3	DATE	SHEET 2 OF 3	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

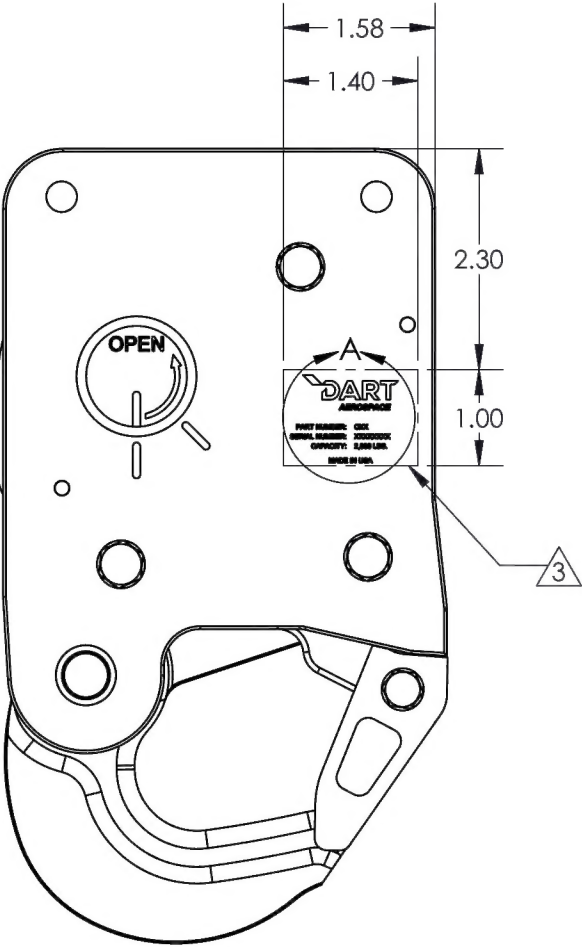
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0256	ADDED ENGRAVING DETAIL.	8/26/2015	DPD	JAG



LATCH ASSEMBLY

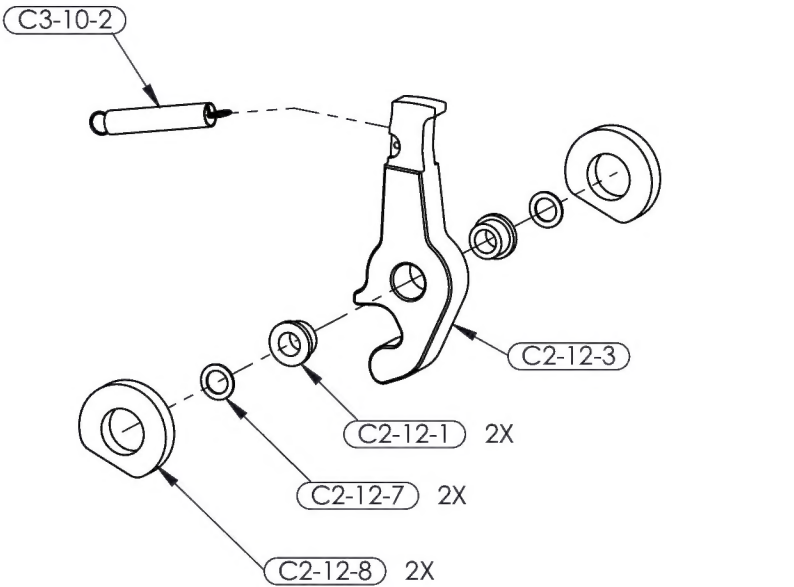


DETAIL A
SCALE 2 : 1



NOTE:
3 LASER ENGRAVE DART LOGO, P/N, S/N, CAPACITY, "MADE IN USA," WITHIN BOUNDARY.

DART AEROSPACE			
TITLE C2-K HOOK ASSY			
DWG NO. C2-K			REV 2
MAT'L		DRAWN BY: CANAM	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		FRACTIONS ± 1/8	
.XX ± .01		ANGLES ± 5°	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE 1:2	DATE		SHEET 3 OF 3



LOCK ASSEMBLY